Spectra

Maintenance

Low
Normal
High

Light
Medium
Medium-heavy
Heavy

Size

Microscopic
Minute
Little
Small
Normal – average – median - medium
Large - big
Jumbo
Huge
Enormous
Gigantic

Distance

Short
Long
Considerable
Great

Weight

Light
Medium
Heavy
Great
Enormous

Height

Short
Average
Tall

Light

Dark
Dim – weak – feeble – dull - poor
Bright
Brilliant
Blinding

Frequency, Price

Low
High

Half and Half

Below average
Average
Above average

The Rest of the Spectrum

Not infrequently

Intensifiers

Very
Extremely

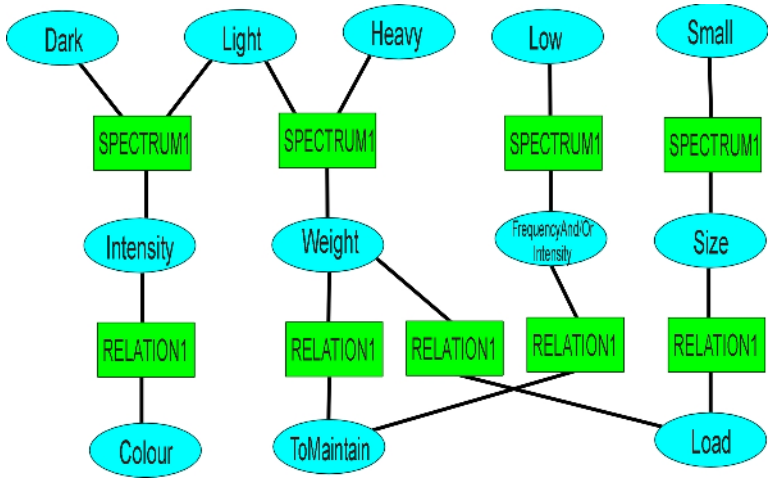
Connection, Money

Loose
Tight

Position

Near
Close
Far

A light car – light in weight
A light coloured car – needs colour to support meaning



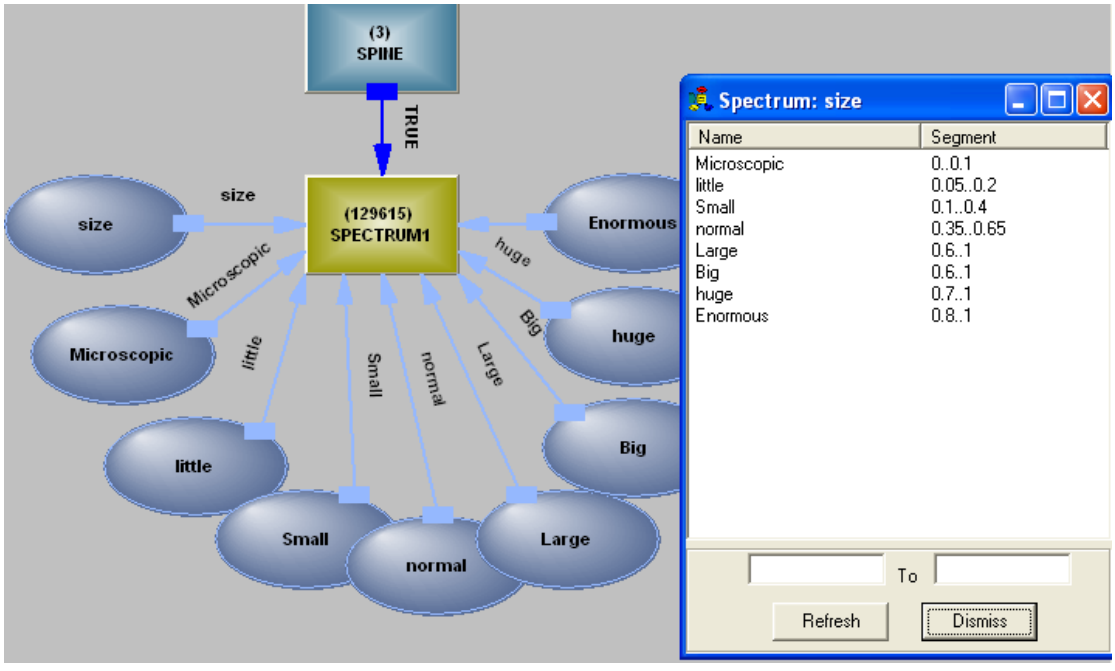
We have "low" maintenance, acting through a grouping of frequency and intensity. We can also have low weight, but it should not act on maintenance, so we need a different SPECTRUM and relation.

We can have low and high frequency, and low and high intensity. Do we have separate spectra on each, then combine frequency and intensity into a group combined with AND/OR, so it combines the two spectra?

SPECTRUM1 statements can be entered textually or graphically, with range values added graphically.

```
! Spectra
SPECTRUM1(Size,{Microscopic, Little, Small, normal, Large, Big, Huge, Enormous})
SPECTRUM1(HighLow,{High, Medium, Low})
SPECTRUM1(LightHeavy,{Light, Medium, Heavy, Great, Enormous})
SPECTRUM1(Colour,{ask("Light"),  Dark})
```

A form provides access to range values – the ranges are stored in links to the operator, so the same variable can be used in multiple SPECTRUM1s.



If we see “low maintenance”, we go from “low” to the heads of its SPECTRUM1 operators, which will give

Frequency
Intensity
Noise
Light

We follow those until we find a relation on ToMaintain, or a parent of it, which gives us Intensity and Frequency. We create an AND/OR group.